

Section 857

Position delineators perpendicular to the centerline of the road. Use yellow delineators in the median and on the left side of one-way ramps, loops or other one-way facilities. Use crystal delineators on the right side of divided highways, ramps, loops and all other one-way or two-way facilities. In all cases, the color of the delineator shall supplement the color of the adjacent edgelines.

854-4 MEASUREMENT AND PAYMENT

Concrete Barrier, Type ____ will be measured and paid in linear feet of barrier that has been completed and accepted. Measurement will be made along the top surface at the centerline of the barrier completed and in place with no deduction made for joints.

Variable Height Concrete Barrier, Type ____ will be measured and paid in linear feet of barrier that has been completed and accepted. Measurement will be made along the top surface at the centerline of the barrier completed and in place with no deduction made for joints.

Concrete Barrier Transition Section will be measured and paid in units of each for transitions completed and accepted.

There will be no measurement made of barrier delineators as they are incidental to the other pay items in this section.

No direct payment will be made for the work of constructing any footing beneath the concrete barrier or concrete barrier transition sections as payment at the various contract unit prices for concrete barrier or concrete barrier transition sections will be full compensation for all such work.

Price and payment includes, but is not limited to, excavating, furnishing and placing concrete, reinforcing steel, grout and hardware; transporting and placing precast units; galvanizing; constructing and sealing joints; and furnishing and installing barrier delineators.

Payment will be made under:

Pay Item	Pay Unit
Concrete Barrier, Type ____	Linear Foot
Variable Height Concrete Barrier, Type ____	Linear Foot
Concrete Barrier Transition Section	Each

SECTION 857

PRECAST REINFORCED CONCRETE BARRIER – SINGLE FACED

857-1 DESCRIPTION

Construct precast reinforced Portland cement concrete barrier in accordance with the contract.

857-2 MATERIALS

Comply with Article 854-2.

857-3 CONSTRUCTION METHODS

Construct concrete in accordance with Section 825 and give an ordinary surface finish, except as otherwise provided herein.

Lift and place precast units using a two-point pick up or other approved method that will not overstress or damage the concrete. Do not use lifting devices or methods that will mar the surface of the concrete. Do not set any precast unit that is cracked, damaged, chipped, scarred or otherwise disfigured.

When barrier is being constructed near traffic, do not start installation of the precast concrete barrier until all components are prepared for a complete continuous installation, including the guardrail and guardrail anchors approaching the barrier. Once work has begun on a barrier installation, continue the work to its completion unless weather or other conditions beyond the control of the Contractor interfere with the work.

Use any of the several alternate delineator types for barrier shown in the plans, but only one delineator type for barrier at any one time throughout the project.

The delineators consist of a reflector and base or casing. Attach the delineator to the barrier as shown in the plans. Only one attachment position will be permitted throughout the project length.

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857-4 MEASUREMENT AND PAYMENT

There will be no measurement made of barrier delineators as they are incidental to the other pay items in this specification.

Precast Reinforced Concrete Barrier, Single Faced will be measured and paid in linear feet of barrier that has been completed, placed on the road and accepted. Measurement will be made along the top surface at the centerline of the barrier with no deduction made for joints. Price includes, but is not limited to, furnishing and placing concrete and reinforcing steel, transporting and placing precast units, grout, joint filler, hardware, galvanizing, constructing joints and furnishing and installing barrier delineators.

Concrete Barrier Transition Section will be paid in accordance with Section 854.

Payment will be made under:

Pay Item	Pay Unit
Precast Reinforced Concrete Barrier, Single Faced	Linear Foot

SECTION 858

ADJUSTMENT OF CATCH BASINS, MANHOLES, DROP INLETS, METER BOXES AND VALVE BOXES

858-1 DESCRIPTION

Raise or lower existing catch basins, manholes, drop inlets, meter boxes and valve boxes encountered within the limits of the project to match the adjacent finished work.

858-2 MATERIALS

Refer to Division 10.

Item	Section
Asphalt Plant Mix	1020
Brick	1040-1
Concrete Block	1040-2
Curing Agents	1026
Joint Fillers	1028-1
Joint Sealers	1028
Mortar	1040-9
Portland Cement Concrete, Class B	1000
Precast Risers	1077